Raimundo JimÃ©nez

List of Publications by Year
in descending order

83 papers	993 citations	567144 15 h-index	552653 26 g-index
84 all docs	84 docs citations	84 times ranked	660 citing authors

#	Article	IF	Citations
1	The intraocular pressure lowering-effect of low-intensity aerobic exercise is greater in fitter individuals: a cluster analysis. Research in Sports Medicine, 2024, 32, 86-97.	0.7	1
2	Less is more: optimal recording time for measuring the steady-state accommodative response. Australasian journal of optometry, The, 2023, 106, 20-28.	0.6	3
3	Effect of wearing different types of face masks during dynamic and isometric resistance training on intraocular pressure. Australasian journal of optometry, The, 2023, 106, 503-508.	0.6	3
4	Effects of wearing swimming goggles on non-invasive tear break-up time in a laboratory setting. Journal of Optometry, 2022, 15, 154-159.	0.7	4
5	Blue-blocking filters do not alleviate signs and symptoms of digital eye strain. Australasian journal of optometry, The, 2022, , 1-6.	0.6	5
6	Effects of water drinking on corneal biomechanics: The association with intraocular pressure changes. Indian Journal of Ophthalmology, 2022, 70, 1222.	0.5	2
7	Immediate and cumulative effects of upper-body isometric exercise on the cornea and anterior segment of the human eye. PeerJ, 2022, 10, e13160.	0.9	0
8	Changes in accommodation and behavioural performance with a contact lens for myopia management: A comparison between a dualâ€focus and a singleâ€vision soft contact lens. Ophthalmic and Physiological Optics, 2022, 42, 753-761.	1.0	4
9	The short-term effects of wearing swimming goggles on corneal biomechanics. International Ophthalmology, 2022, 42, 2773-2784.	0.6	1
10	The intraocular pressure response to lowerâ€body and upperâ€body isometric exercises is affected by the breathing pattern. European Journal of Sport Science, 2021, 21, 879-886.	1.4	9
11	Determinant Factors of Intraocular Pressure Responses to a Maximal Isometric Handgrip Test: Hand Dominance, Handgrip Strength and Sex. Current Eye Research, 2021, 46, 64-70.	0.7	4
12	The short-term effects of artificially-impaired binocular vision on driving performance. Ergonomics, 2021, 64, 212-224.	1.1	9
13	Effects of Wearing the Elevation Training Mask During Low-intensity Cycling Exercise on Intraocular Pressure. Journal of Glaucoma, 2021, 30, e193-e197.	0.8	2
14	Response to Letter to the Editor: Acute Intraocular Pressure Responses to Reading: The Influence of Body Position. Journal of Glaucoma, 2021, 30, e274-e275.	0.8	0
15	Intraocular pressure responses to walking with surgical and FFP2/N95 face masks in primary open-angle glaucoma patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 2373-2378.	1.0	10
16	Short-term effects of caffeine intake on binocular accommodative facility: a quantitative and qualitative analysis. Australasian journal of optometry, The, 2021, , 1-5.	0.6	0
17	Effects of caffeine ingestion on dynamic visual acuity: a placebo-controlled, double-blind, balanced-crossover study in low caffeine consumers. Psychopharmacology, 2021, 238, 3391-3398.	1.5	4
18	Capturing attention improves accommodation: An experimental study in children with ADHD using multiple object tracking. Vision Research, 2021, 186, 52-58.	0.7	3

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19	Dynamics of the accommodative response and facility with dual-focus soft contact lenses for myopia control. Contact Lens and Anterior Eye, 2021, , 101526.	0.8	1
20	Examining the Validity of a New Method for the Objective Assessment of Binocular Accommodative Facility (2Q-AF Test): A Comparison with Â± 2.00 DS Lens Flippers. Current Eye Research, 2021, , 1-7.	0.7	1
21	Visual function, performance, and processing of basketball players vs. sedentary individuals. Journal of Sport and Health Science, 2020, 9, 587-594.	3.3	16
22	Influence of the breathing pattern during resistance training on intraocular pressure. European Journal of Sport Science, 2020, 20, 157-165.	1.4	14
23	Basketball freeâ€throws performance depends on the integrity of binocular vision. European Journal of Sport Science, 2020, 20, 407-414.	1.4	11
24	Effect of a maximal treadmill test on intraocular pressure and ocular perfusion pressure: The mediating role of fitness level. European Journal of Ophthalmology, 2020, 30, 506-512.	0.7	13
25	Wearing Swimming Goggles Reduces Central Corneal Thickness and Anterior Chamber Angle, and Increases Intraocular Pressure. Current Eye Research, 2020, 45, 535-541.	0.7	9
26	Impact of resistance training sets performed until muscular failure with different loads on intraocular pressure and ocular perfusion pressure. European Journal of Ophthalmology, 2020, 30, 1342-1348.	0.7	9
27	Validation of an Objective Method for the Qualitative and Quantitative Assessment of Binocular Accommodative Facility. Current Eye Research, 2020, 45, 636-644.	0.7	7
28	Short-term effects of text-background color combinations on the dynamics of the accommodative response. Vision Research, 2020, 166, 33-42.	0.7	17
29	Short-term effects of caffeine intake on anterior chamber angle and intraocular pressure in low caffeine consumers. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 613-619.	1.0	13
30	Effects of a blueâ€blocking screen filter on accommodative accuracy and visual discomfort. Ophthalmic and Physiological Optics, 2020, 40, 790-800.	1.0	12
31	Effects of caffeine intake on the biomechanical properties of the cornea: a placebo-controlled, double-blind, crossover pilot study in low caffeine consumers. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 2449-2458.	1.0	2
32	Accommodation and pupil dynamics as potential objective predictors of behavioural performance in children with attention-deficit/hyperactivity disorder. Vision Research, 2020, 175, 32-40.	0.7	5
33	Intraocular Pressure Responses to Four Different Isometric Exercises in Men and Women. Optometry and Vision Science, 2020, 97, 648-653.	0.6	8
34	Accommodative dynamics and attention: the influence of manipulating attentional capacity on accommodative lag and variability. Ophthalmic and Physiological Optics, 2020, 40, 510-518.	1.0	7
35	Effects of Blood Flow Restriction at Different Intensities on IOP and Ocular Perfusion Pressure. Optometry and Vision Science, 2020, 97, 293-299.	0.6	2
36	Intraocular pressure increases during dynamic resistance training exercises according to the exercise phase in healthy young adults. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 1795-1801.	1.0	6

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37	Accommodative response in children with attention deficit hyperactivity disorder (ADHD): the influence of accommodation stimulus and medication. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 1299-1307.	1.0	6
38	Effects of caffeine consumption on intraocular pressure during lowâ€intensity endurance exercise: A placeboâ€controlled, doubleâ€blind, balanced crossover study. Clinical and Experimental Ophthalmology, 2020, 48, 602-609.	1.3	5
39	Children with Attention-deficit/Hyperactivity Disorder Show an Altered Eye Movement Pattern during Reading. Optometry and Vision Science, 2020, 97, 265-274.	0.6	7
40	Acute Intraocular Pressure Responses to Reading: The Influence of Body Position. Journal of Glaucoma, 2020, 29, 581-586.	0.8	10
41	Better brain connectivity is associated with higher total fat mass and lower visceral adipose tissue in military pilots. Scientific Reports, 2020, 10, 610.	1.6	16
42	The intraocular pressure responses to oral academic examination: The influence of perceived levels of public speaking anxiety. Applied Ergonomics, 2020, 88, 103158.	1.7	6
43	Acute Effects of Caffeine on Dynamic Accommodative Response and Pupil Size: A Placebo-controlled, Double-blind, Balanced Crossover Study. Current Eye Research, 2020, 45, 1074-1081.	0.7	9
44	Intraocular pressure increases after complex simulated surgical procedures in residents: an experimental study. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 216-224.	1.3	5
45	Effect of the level of effort during resistance training on intraocular pressure. European Journal of Sport Science, 2019, 19, 394-401.	1.4	27
46	Influence of holding weights of different magnitudes on intraocular pressure and anterior eye biometrics. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2233-2238.	1.0	5
47	Associations between accommodative dynamics, heart rate variability and behavioural performance during sustained attention: A test-retest study. Vision Research, 2019, 163, 24-32.	0.7	14
48	Dynamics of the accommodative response under artificially-induced aniseikonia. Experimental Eye Research, 2019, 185, 107674.	1.2	2
49	Acute intraocular pressure changes during isometric exercise and recovery: The influence of exercise type and intensity, and participantÂ´s sex. Journal of Sports Sciences, 2019, 37, 2213-2219.	1.0	11
50	Caffeine alters the dynamics of ocular accommodation depending on the habitual caffeine intake. Experimental Eye Research, 2019, 185, 107663.	1.2	6
51	Investigating the Immediate and Cumulative Effects of Isometric Squat Exercise for Different Weight Loads on Intraocular Pressure: A Pilot Study. Sports Health, 2019, 11, 247-253.	1.3	16
52	Intraocular Pressure as an Indicator of the Level of Induced Anxiety in Basketball. Optometry and Vision Science, 2019, 96, 164-171.	0.6	1
53	Visual Perceptual Skills in Attention-deficit/Hyperactivity Disorder Children: The Mediating Role of Comorbidities. Optometry and Vision Science, 2019, 96, 655-663.	0.6	5
54	Effects of Optical Correction Method on the Magnitude and Variability of Accommodative Response: A Test-retest Study. Optometry and Vision Science, 2019, 96, 568-578.	0.6	4

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55	Effects of caffeine on intraocular pressure are subject to tolerance: a comparative study between low and high caffeine consumers. Psychopharmacology, 2019, 236, 811-819.	1.5	25
56	Acute intraocular pressure responses to high-intensity interval-training protocols in men and women. Journal of Sports Sciences, 2019, 37, 803-809.	1.0	9
57	Ocular Accommodative Response is Modulated as a Function of Physical Exercise Intensity. Current Eye Research, 2019, 44, 442-450.	0.7	4
58	Muscular Strength Is Associated with Higher Intraocular Pressure in Physically Active Males. Optometry and Vision Science, 2018, 95, 143-149.	0.6	7
59	Fitness Level Modulates Intraocular Pressure Responses to Strength Exercises. Current Eye Research, 2018, 43, 740-746.	0.7	34
60	Effect of a Short-term Cycle Ergometer Sprint Training Against Heavy and Light Resistances on Intraocular Pressure Responses. Journal of Glaucoma, 2018, 27, 315-321.	0.8	6
61	Baseline Intraocular Pressure Is Associated With Subjective Sensitivity to Physical Exertion in Young Males. Research Quarterly for Exercise and Sport, 2018, 89, 25-37.	0.8	4
62	A test-retest assessment of the effects of mental load on ratings of affect, arousal and perceived exertion during submaximal cycling. Journal of Sports Sciences, 2018, 36, 2521-2530.	1.0	5
63	Attention-deficit/hyperactivity disorder children exhibit an impaired accommodative response. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1023-1030.	1.0	16
64	Measuring mental workload: ocular astigmatism aberration as a novel objective index. Ergonomics, 2018, 61, 506-516.	1.1	6
65	Effect of examination stress on intraocular pressure in university students. Applied Ergonomics, 2018, 67, 252-258.	1.7	27
66	Intraocular pressure is sensitive to cumulative and instantaneous mental workload. Applied Ergonomics, 2017, 60, 313-319.	1.7	25
67	Intraocular Pressure Responses to Maximal Cycling Sprints Against Different Resistances: The Influence of Fitness Level. Journal of Glaucoma, 2017, 26, 881-887.	0.8	19
68	The acute effect of strength exercises at different intensities on intraocular pressure. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2211-2217.	1.0	33
69	Simultaneous Physical and Mental Effort Alters Visual Function. Optometry and Vision Science, 2017, 94, 797-806.	0.6	14
70	A maximal incremental effort alters tear osmolarity depending on the fitness level in military helicopter pilots. Ocular Surface, 2017, 15, 795-801.	2.2	11
71	PercepciÃ³n de los maestros sobre las deficiencias visuales y su incidencia escolar. Revista Complutense De Educacion, 2016, 27, 395-419.	0.3	1
72	Optical quality and visual performance after cataract surgery with biaxial microincision intraocular lens implantation. Journal of Cataract and Refractive Surgery, 2016, 42, 1022-1028.	0.7	12

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73	Driving time modulates accommodative response and intraocular pressure. Physiology and Behavior, 2016, 164, 47-53.	1.0	33
74	Prevalence of Refractive Errors in Children in Equatorial Guinea. Optometry and Vision Science, 2015, 92, 53-58.	0.6	17
75	Optical Quality and Vision with Iris-Coloring Soft Contact Lenses. Optometry and Vision Science, 2014, 91, 564-569.	0.6	10
76	Ametropias in School-Age Children in Fada Nâ€²Gourma (Burkina Faso, Africa). Optometry and Vision Science, 2012, 89, 33-37.	0.6	11
77	Contact lenses vs spectacles in myopes: is there any difference in accommodative and binocular function?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 925-935.	1.0	28
78	Optical Image Quality and Visual Performance for Patients With Keratitis. Cornea, 2009, 28, 783-788.	0.9	32
79	Interocular Differences in Higher-Order Aberrations on Binocular Visual Performance. Optometry and Vision Science, 2008, 85, 174-179.	0.6	46
80	Prevalence of Refractive Errors in School-Age Children in Burkina Faso. Japanese Journal of Ophthalmology, 2006, 50, 483-484.	0.9	9
81	Statistical normal values of visual parameters that characterize binocular function in children. Ophthalmic and Physiological Optics, 2004, 24, 528-542.	1.0	91
82	Evolution of accommodative function and development of ocular movements in children. Ophthalmic and Physiological Optics, 2003, 23, 97-107.	1.0	45
83	Impact of interocular differences in corneal asphericity on binocular summation. American Journal of Ophthalmology, 2003, 135, 279-284.	1.7	39